SECURING THE SUPPLY CHAIN

KENNETH R. WYKLE

PRESIDENT,

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

Ken@ndtahq.com

Ph: 703 751 5011

SECURING THE SUPPLY CHAIN

- ISSUE: Actions commercial transportation or distribution companies are taking to better secure the supply chain
- BACKGROUND: Events of 9/11 changed way the U.S. views security and resulted in formation of DHS. Security is now a primary area of concern.
- TSA MISSION: To secure the nation's rail, trucking, maritime and air cargo from terrorist attack and **criminal exploitation**

SECURITY CHALLENGES--HIGHWAYS

- Prevent/protect the trucking industry from terrorist's activities
  - Security Plans
  - Security training
  - Communications—ISAC (Info Sharing Analysis Center) (How do you communicate with 750K trucking companies and the drivers?)
  - Driver identification—TWIC
  - Share best practices
- Considering some type field enforcement program

SECURITY CHALLENGES--MARITIME

- Secure the movement of 6 million containers
- Prevent high-risk containers from entering the U.S.
- Use enhanced non-intrusive inspection technology
- Implement operation safe commerce (OSC)
- Focus on petroleum and cargo vessels

SECURITY CHALLENGES--RAIL

- Securing HAZMAT movements
- Secure & track nuclear waste shipments
- Prevent food shipments from contamination
- Secure the movement of Intermodal containers

SECURITY CHALLENGES--AIR

- Secure the facility
- Secure air cargo and the planes
- Reduce vulnerabilities in current passenger security measures—Catering/Refueling/Maintenance

PHYSICAL SECURITY--ACTIONS

- Securing the physical facility
  - Through the use of fences/physical barriers/guards/controlled access
  - Enhanced lighting, video, sensors
  - Other advanced technologies
- Includes screening passengers, cargo and physical inspections

PERSONNEL SECURITY--ACTIONS

- Conduct personnel background checks
- Obtain security clearances, where appropriate
- Implement a Transportation Workers Identification Credential (TWIC)
- Use biometric identification and other identification technologies

INFORMATION TECHNOLOGY SECURITY--ACTIONS

- Password protection
- Firewalls
- Compartmentalize information/segregate data
- Encryption

SECURING THE SUPPLY CHAIN--ACTIONS

- Strengthen the previous 3 areas by improving the security of freight while it moves between and through the transportation nodes.
- Apply tracking and tracing technologies to achieve ITV of the mode of conveyance and the freight
- Use sensors to detect and report intrusions or tampering with the shipments while en-route or at a transshipment node
- Apply tamper resistant electronic seals
- Advance reporting of freight movements to expedite processing through the transportation nodes

POTENTIAL ISSUES/TOPICS

- Should there be national standards for security and technology that require mandatory compliance?
- Security is good for business. It improves processes, increases efficiency and reduces losses and damage
- Credentialing is good. It allows industry to do background checks on potential employees and improves quality of employees.
- Actions should be taken by railroads/motor carriers to direct hazardous (toxic chemicals) shipments around large cities.
- Consider use of sensors, profiling freight shipments, simplify data collection and tie it all together—Risk Assessment

POTENTIAL ISSUES/TOPICS-CONT'D

- C-TPAT, CSI, 24 hour rule improve security?
- Current plans/processes should improve security
  - Work stoppage plan
  - Crisis management plan
  - Process for handling work place violence
  - Identify and stop worker's compensation fraud
  - Prepare terminal/facility physical security plans and directives